

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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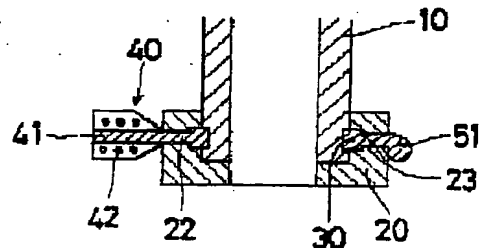
APPLICATION DATE : 28-03-96  
APPLICATION NUMBER : 08074817

APPLICANT : AISIN SEIKI CO LTD;

INVENTOR : AYABE MASARU;

INT.CL. : B22D 19/04

TITLE : METHOD FOR JOINING METALLIC  
MEMBER



ABSTRACT : PROBLEM TO BE SOLVED: To simply join members by press filling the molten metal into a space to be formed by a recessed part of a first member and a recessed part of a second member to regulate the movement of the first member and the second member in the axial direction.

SOLUTION: Zinc alloy which is heated and melted is press filled from a press filling port 22 through a nozzle 41 of an injection molding machine 40. The molten zinc alloy is press filled in a space 30, the air is discharged from a peeping hole 23, and when the space 30 is filled with the molten zinc alloy, the molten zinc alloy is ejected from the peeping hole 23. Whether or not the space is filled with the zinc alloy can be checked even in a case where the condition of the inside of the space 30 can not be checked from the appearance by checking the zinc alloy 51. The movement of a first member and a second member in the axial direction is regulated to easily joint the members.

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